

Title (en)

COMPOSITIONS AND METHODS FOR TRANSFERRING BIOMOLECULES TO WOUNDED CELLS

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN ZUR ÜBERTRAGUNG VON BIOMOLEKÜLEN AN VERLETZTE ZELLEN

Title (fr)

COMPOSITIONS ET PROCÉDÉS DE TRANSFERT DE BIOMOLÉCULES À DES CELLULES BLESSÉES

Publication

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Application

EP 19869205 A 20191001

Priority

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Abstract (en)

[origin: WO2020072418A1] The invention provides novel methods and compositions for introduction, transfer or delivery of one or more biomolecules into wounded recipient plant cell(s). Methods for production of a wounded recipient cell culture and the creation of one or more mutations, edits, transgenic insertions, or other genetic changes in the recipient cell(s) are also provided. Product cells produced by such methods, and resulting cells and regenerated plants, plant parts, and progeny plants are further provided. Molecular and genetic analyses, analysis of phenotypes and traits, and use of screenable and selection markers, are also provided to confirm transfer of the biomolecule in to the recipient cell(s) and generation of the mutation, edit, transgenic insertion, or other genetic change in the recipient cell(s), and/or progeny thereof, and in plants or plant parts developed or regenerated from the foregoing.

IPC 8 full level

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